

Serial No. : 10/500,427
Filed : June 28, 2004

IN THE DRAWINGS

The applicant has submitted concurrently herewith a request for approval of drawing changes in which a "Prior Art" label is added to Figures 10 and 11(a)-11(b). The applicant has also submitted replacement sheets for the amended drawings.

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REMARKS

In the office action, the examiner objected to the drawings on the ground that Figure 10 lack a legend indicating the prior art. Accordingly, the applicant has submitted concurrently herewith a request for approval of drawing changes in which a "Prior Art" label is added to Figures 10 and 11(a)-11(b). The applicant has also submitted replacement sheets for the amended drawings.

The examiner objected to Claim 7 on the ground that the limitation "the timing data output from the encoder" lacks sufficient antecedent basis. Because the applicant has amended Claim 5 to include all of the limitations of Claim 6, the antecedent basis problem is now corrected.

In the office action, the examiner rejected Claims 1 and 4 under 35 U.S.C. 102(e) as being anticipated by Yoshiba (U.S. Patent No. 6,457,148). The examiner rejected Claims 5, 7, and 8 under 35 U.S.C. 103(a) as being unpatentable over Yoshiba in view of Gillis et al. (U.S. Patent No. 6,058,496). The examiner rejected Claims 9 and 12 under 35 U.S.C. 103(a) as being unpatentable over Yoshiba in view of Chu et al. (U.S. Patent No. 5,384,541). The examiner indicated that Claims 2, 3, 6, 10 and 11 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Accordingly, the applicant has amended Claim 1 to include all of the limitations of Claim 2. The applicant has amended Claim 5 to include all of the limitation of Claim 6. The applicant has

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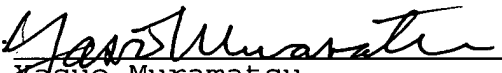
amended Claim 9 to include most of the limitations of Claim 10 which are the same as that of Claim 2. The applicant has canceled Claim 6. In this opportunity, the applicant has corrected minor wording errors in the claims.

In this opportunity, the applicant has reviewed and amended the specification and abstract to correct wording errors and unusual expressions therein. This is to verify that no new matter has been introduced by this amendment.

In view of the foregoing, the applicant believes that Claims 1-5 and 7-11 are in condition for allowance, and accordingly, the applicant respectfully requests that the present application be allowed and passed to issue.

Respectfully submitted,

MURAMATSU & ASSOCIATES

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AMD-HW14.002
012006



10/11

FIG.10
(Prior Art)

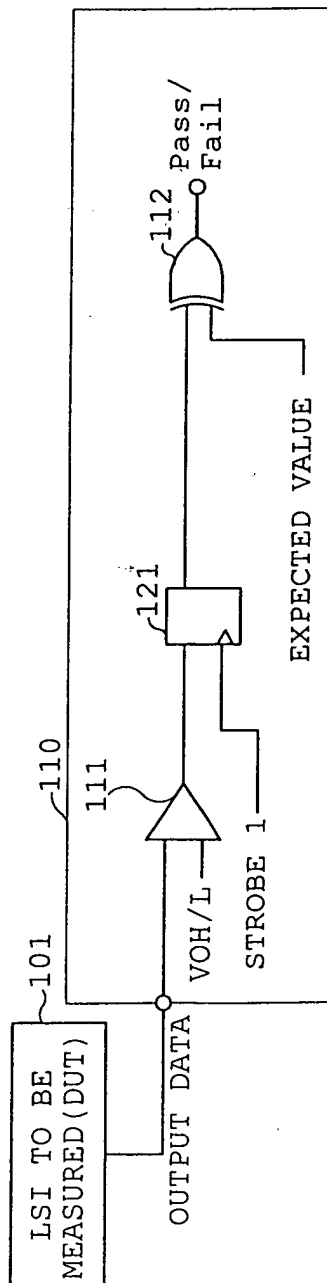


FIG.11

(Prior Art)

